

S J Flora

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

240
papers

8,604
citations

49
h-index

81
g-index

255
ext. papers

9,586
ext. citations

3.9
avg, IF

6.83
L-index

#	Paper	IF	Citations
240	Arsenic, cadmium, and lead 2022 , 547-571		
239	Melatonin ameliorates chronic copper-induced lung injury.. <i>Environmental Science and Pollution Research</i> , 2022 , 1	5.1	0
238	Potential Epigenetic Targets for Combating Alzheimer's Disease. <i>Mini-Reviews in Medicinal Chemistry</i> , 2021 , 21, 1527-1540	3.2	1
237	Optimization of Surfactant- and Cosurfactant-Aided Pine Oil Nanoemulsions by Isothermal Low-Energy Methods for Anticholinesterase Activity. <i>ACS Omega</i> , 2021 , 6, 559-568	3.9	13
236	Nanotechnology in Wastewater Management: A New Paradigm Towards Wastewater Treatment. <i>Molecules</i> , 2021 , 26,	4.8	49
235	Positive and Negative Regulation of Ferroptosis and Its Role in Maintaining Metabolic and Redox Homeostasis. <i>Oxidative Medicine and Cellular Longevity</i> , 2021 , 2021, 9074206	6.7	12
234	Ferroptosis: A potential therapeutic target for neurodegenerative diseases. <i>Journal of Biochemical and Molecular Toxicology</i> , 2021 , 35, e22830	3.4	9
233	Dose-dependent hepatic toxicity and oxidative stress on exposure to nano and bulk selenium in mice. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 53034-53044	5.1	4
232	Neurological Manifestations in COVID-19 Patients: A Meta-Analysis. <i>ACS Chemical Neuroscience</i> , 2021 , 12, 2776-2797	5.7	5
231	Alpha-Lipoic Acid Protects Co-Exposure to Lead and Zinc Oxide Nanoparticles Induced Neuro, Immuno and Male Reproductive Toxicity in Rats. <i>Frontiers in Pharmacology</i> , 2021 , 12, 626238	5.6	2
230	Chronic exposure to multi-metals on testicular toxicity in rats. <i>Toxicology Mechanisms and Methods</i> , 2021 , 31, 53-66	3.6	4
229	Interaction study of monoisoamyl dimercaptosuccinic acid with bovine serum albumin using biophysical and molecular docking approaches. <i>Scientific Reports</i> , 2021 , 11, 4068	4.9	4
228	MiADMSA abrogates sodium tungstate-induced oxidative stress in rats. <i>Drug and Chemical Toxicology</i> , 2021 , 1-6	2.3	0
227	Organic-Molecule-Based Fluorescent Chemosensor for Nerve Agents and Organophosphorus Pesticides. <i>Topics in Current Chemistry</i> , 2021 , 379, 33	7.2	1
226	Nanotechnological approaches for targeting amyloid- β aggregation with potential for neurodegenerative disease therapy and diagnosis. <i>Drug Discovery Today</i> , 2021 , 26, 1972-1979	8.8	10
225	Molecular Mechanism of Arsenic-Induced Neurotoxicity including Neuronal Dysfunctions. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	13
224	Nanodiamonds: A Versatile Drug-Delivery System in the Recent Therapeutics Scenario. <i>Critical Reviews in Therapeutic Drug Carrier Systems</i> , 2021 , 38, 39-78	2.8	1

223	MiADMSA ameliorate arsenic induced urinary bladder carcinogenesis in vivo and in vitro. <i>Biomedicine and Pharmacotherapy</i> , 2020 , 128, 110257	7.5	7
222	Dose dependent changes in oxidative stress, hematological variables, tissue pathology, and apoptosis following chronic sodium tungstate exposure in rats. <i>Medicine in Drug Discovery</i> , 2020 , 6, 100045	7.45	3
221	MiADMSA minimizes arsenic induced bone degeneration in Sprague Dawley rats. <i>Emerging Contaminants</i> , 2020 , 6, 204-211	5.8	4
220	Heavy Metal-Induced Cerebral Small Vessel Disease: Insights into Molecular Mechanisms and Possible Reversal Strategies. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	16
219	Nanotechnology: A Promising Approach for Delivery of Neuroprotective Drugs. <i>Frontiers in Neuroscience</i> , 2020 , 14, 494	5.1	61
218	Gallic acid and MiADMSA reversed arsenic induced oxidative/nitrosative damage in rat red blood cells. <i>Heliyon</i> , 2020 , 6, e03431	3.6	11
217	Fluoride in Drinking Water and Skeletal Fluorosis: a Review of the Global Impact. <i>Current Environmental Health Reports</i> , 2020 , 7, 140-146	6.5	70
216	Design, synthesis, biological evaluation and molecular docking study of novel pyridoxine-triazoles as anti-Alzheimer's agents.. <i>RSC Advances</i> , 2020 , 10, 26006-26021	3.7	5
215	Arsenicals: toxicity, their use as chemical warfare agents, and possible remedial measures 2020 , 303-319		4
214	Monoisoamyl DMSA reduced copper-induced neurotoxicity by lowering 8-OHdG level, amyloid beta and Tau protein expressions in Sprague-Dawley rats. <i>Metallomics</i> , 2020 , 12, 1428-1448	4.5	6
213	RP-HPLC method development and validation for bedaquiline fumarate to evaluate its forced degradation behaviour and stability in official dissolution media. <i>Future Journal of Pharmaceutical Sciences</i> , 2020 , 6,	2.1	3
212	Advances in the Development of Reactivators for the Treatment of Organophosphorus Inhibited Cholinesterase. <i>Current Organic Chemistry</i> , 2020 , 24, 2845-2864	1.7	3
211	Recent Advances in Therapeutic Applications of Bisbenzimidazoles. <i>Medicinal Chemistry</i> , 2020 , 16, 454-488	4.6	3
210	Preventive and Therapeutic Strategies for Acute and Chronic Human Arsenic Exposure 2020 , 341-370		7
209	Comparative efficacy of Nano and Bulk Monoisoamyl DMSA against arsenic-induced neurotoxicity in rats. <i>Biomedicine and Pharmacotherapy</i> , 2020 , 132, 110871	7.5	5
208	Stable solid dispersion of lurasidone hydrochloride with augmented physicochemical properties for the treatment of schizophrenia and bipolar disorder. <i>Biopharmaceutics and Drug Disposition</i> , 2020 , 41, 334-351	1.7	0
207	MiADMSA abrogates chronic copper-induced hepatic and immunological changes in Sprague Dawley rats. <i>Food and Chemical Toxicology</i> , 2020 , 145, 111692	4.7	6
206	Collection, storage, and transportation of samples for offsite analysis 2020 , 133-149		1

205	Oxidative stress and neurobehavioural changes in rats following copper exposure and their response to MiADMSA and d-penicillamine. <i>Toxicology Research and Application</i> , 2019 , 3, 239784731984478	0.8	4
204	Chronic copper exposure elicit neurotoxic responses in rat brain: Assessment of 8-hydroxy-2-deoxyguanosine activity, oxidative stress and neurobehavioral parameters. <i>Cellular and Molecular Biology</i> , 2019 , 65, 27	1.1	13
203	Selenium nanoparticles: An insight on its Pro-oxidant and antioxidant properties. <i>Frontiers in Nanoscience and Nanotechnology</i> , 2019 , 6,	4.9	18
202	Suicide gene therapy: a promising approach towards gene delivery. <i>Frontiers in Nanoscience and Nanotechnology</i> , 2019 , 5,	4.9	4
201	Impact of chronic low dose exposure of monocrotophos in rat brain: Oxidative/ nitrosative stress, neuronal changes and cholinesterase activity. <i>Toxicology Reports</i> , 2019 , 6, 1295-1303	4.8	13
200	Lactobionic Acid Conjugated Quercetin Loaded Organically Modified Silica Nanoparticles Mitigates Cyclophosphamide Induced Hepatocytotoxicity. <i>International Journal of Nanomedicine</i> , 2019 , 14, 8943-8959	7.3	5
199	Chronic copper exposure elicit neurotoxic responses in rat brain: Assessment of 8-hydroxy-2-deoxyguanosine activity, oxidative stress and neurobehavioral parameters. <i>Cellular and Molecular Biology</i> , 2019 , 65, 27-35	1.1	4
198	Combinatorial drug delivery strategy employing nano-curcumin and nano-MiADMSA for the treatment of arsenic intoxication in mouse. <i>Chemico-Biological Interactions</i> , 2018 , 286, 78-87	5	15
197	Nutritional management can assist a significant role in alleviation of arsenicosis. <i>Journal of Trace Elements in Medicine and Biology</i> , 2018 , 45, 11-20	4.1	19
196	Combination therapy with vitamin C and DMSA for arsenic-fluoride co-exposure in rats. <i>Metallomics</i> , 2018 , 10, 1291-1306	4.5	13
195	Nanocrystals: An Overview of Fabrication, Characterization and Therapeutic Applications in Drug Delivery. <i>Current Pharmaceutical Design</i> , 2018 , 24, 5129-5146	3.3	32
194	OBSOLETE: Arsenic: Exposure, toxicology, use and misuse. 2018 ,		1
193	Advances in Multi-Functional Ligands and the Need for Metal-Related Pharmacology for the Management of Alzheimer Disease. <i>Frontiers in Pharmacology</i> , 2018 , 9, 1247	5.6	35
192	Arsenic: Exposure, Toxicology, Use, and Misuse 2018 , 215-224		
191	Arsenic, Cadmium, and Lead 2017 , 537-566		14
190	The Applications, Neurotoxicity, and Related Mechanism of Gold Nanoparticles 2017 , 179-203		5
189	Oxidative stress following exposure to silver and gold nanoparticles in mice. <i>Toxicology and Industrial Health</i> , 2016 , 32, 1391-1404	1.8	76
188	Countering effects of a combination of podophyllotoxin, podophyllotoxin β -D-glucoside and rutin hydrate in minimizing radiation induced chromosomal damage, ROS and apoptosis in human blood lymphocytes. <i>Food and Chemical Toxicology</i> , 2016 , 91, 141-50	4.7	8

187	Arsenic and dichlorvos: Possible interaction between two environmental contaminants. <i>Journal of Trace Elements in Medicine and Biology</i> , 2016 , 35, 43-60	4.1	20
186	Nanocurcumin Prevents Oxidative Stress Induced following Arsenic and Fluoride Co-exposure in Rats. <i>Defence Life Science Journal</i> , 2016 , 1, 69	0.8	8
185	Nano drug delivery systems: a new paradigm for treating metal toxicity. <i>Expert Opinion on Drug Delivery</i> , 2016 , 13, 831-41	8	7
184	Medical CountermeasuresChelation Therapy 2015 , 589-626		5
183	Arsenicals: Toxicity, Their Use as Chemical Warfare Agents, and Possible Remedial Measures 2015 , 171-191		5
182	Changes in tissue oxidative stress, brain biogenic amines and acetylcholinesterase following co-exposure to lead, arsenic and mercury in rats. <i>Food and Chemical Toxicology</i> , 2015 , 86, 208-16	4.7	34
181	Combined Efficacy of Gallic Acid and MiADMSA with Limited Beneficial Effects Over MiADMSA Against Arsenic-induced Oxidative Stress in Mouse. <i>Biochemistry Insights</i> , 2015 , 8, 1-10	3.8	14
180	Cyanide Toxicity and its Treatment 2015 , 301-314		6
179	Sodium tungstate induced neurological alterations in rat brain regions and their response to antioxidants. <i>Food and Chemical Toxicology</i> , 2015 , 82, 64-71	4.7	22
178	Arsenic and nicotine co-exposure lead to some synergistic effects on oxidative stress and apoptotic markers in young rat blood, liver, kidneys and brain. <i>Toxicology Reports</i> , 2015 , 2, 1334-1346	4.8	9
177	Sub-chronic exposure to arsenic and dichlorvos on erythrocyte antioxidant defense systems and lipid peroxidation in rats. <i>Journal of Environmental Biology</i> , 2015 , 36, 383-91	1.6	5
176	Alpha-lipoic acid protects oxidative stress, changes in cholinergic system and tissue histopathology during co-exposure to arsenic-dichlorvos in rats. <i>Environmental Toxicology and Pharmacology</i> , 2014 , 37, 7-23	5.8	40
175	Effects of co-exposure to arsenic and dichlorvos on glutathione metabolism, neurological, hepatic variables and tissue histopathology in rats. <i>Toxicology Research</i> , 2014 , 3, 23-31	2.6	17
174	Effects of sub-acute exposure to TiO ₂ , ZnO and Al ₂ O ₃ nanoparticles on oxidative stress and histological changes in mouse liver and brain. <i>Drug and Chemical Toxicology</i> , 2014 , 37, 336-47	2.3	131
173	Nanoencapsulation of DMSA monoester for better therapeutic efficacy of the chelating agent against arsenic toxicity. <i>Nanomedicine</i> , 2014 , 9, 465-81	5.6	14
172	Chronic arsenic poisoning following ayurvedic medication. <i>Journal of Medical Toxicology</i> , 2014 , 10, 395-82.6		17
171	Gene expression profiling of candidate genes in peripheral blood mononuclear cells for predicting toxicity of diesel exhaust particles. <i>Free Radical Biology and Medicine</i> , 2014 , 67, 188-94	7.8	12
170	Efficacy of some antioxidants supplementation in reducing oxidative stress post sodium tungstate exposure in male wistar rats. <i>Journal of Trace Elements in Medicine and Biology</i> , 2014 , 28, 233-239	4.1	12

169	Comparative oxidative stress, metallothionein induction and organ toxicity following chronic exposure to arsenic, lead and mercury in rats. <i>Cellular and Molecular Biology</i> , 2014 , 60, 13-21	1.1	16
168	MiADMSA protects arsenic-induced oxidative stress in human keratinocyte 9HaCaT cells. <i>Biological Trace Element Research</i> , 2013 , 153, 396-402	4.5	9
167	Chelation Therapy 2013 , 987-1013		1
166	Effects of sodium tungstate on oxidative stress enzymes in rats. <i>Toxicology Mechanisms and Methods</i> , 2013 , 23, 519-27	3.6	17
165	Arsenic induced neuronal apoptosis in guinea pigs is Ca ²⁺ dependent and abrogated by chelation therapy: role of voltage gated calcium channels. <i>NeuroToxicology</i> , 2013 , 35, 137-45	4.4	44
164	Effect of nicotine pretreatment on arsenic-induced oxidative stress in male Wistar rats. <i>Human and Experimental Toxicology</i> , 2013 , 32, 972-82	3.4	9
163	Quenching action of monofunctional sulfur mustard on chlorophyll fluorescence: towards an ultrasensitive biosensor. <i>Applied Biochemistry and Biotechnology</i> , 2013 , 171, 1405-15	3.2	7
162	Co-administration of selenium but not iron prevents fluoride toxicity in rats. <i>Biomedicine and Preventive Nutrition</i> , 2013 , 3, 113-120		4
161	Monoisoamyl 2,3-dimercaptosuccinic acid attenuates arsenic induced toxicity: behavioral and neurochemical approach. <i>Environmental Toxicology and Pharmacology</i> , 2013 , 36, 231-42	5.8	29
160	Chemistry and pharmacological properties of some natural and synthetic antioxidants for heavy metal toxicity. <i>Current Medicinal Chemistry</i> , 2013 , 20, 4540-74	4.3	63
159	Monoisoamyl 2, 3-dimercaptosuccinic acid (MiADMSA) demonstrates higher efficacy by oral route in reversing arsenic toxicity: a pharmacokinetic approach. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2012 , 110, 449-59	3.1	28
158	Monensin potentiates lead chelation efficacy of MiADMSA in rat brain post chronic lead exposure. <i>Food and Chemical Toxicology</i> , 2012 , 50, 4449-60	4.7	9
157	Curcumin encapsulated in chitosan nanoparticles: a novel strategy for the treatment of arsenic toxicity. <i>Chemico-Biological Interactions</i> , 2012 , 199, 49-61	5	99
156	Influence of age on arsenic-induced oxidative stress in rat. <i>Biological Trace Element Research</i> , 2012 , 149, 382-90	4.5	13
155	Similarities in diesel exhaust particles induced alterations in expression of cytochrome P-450 and glutathione S-transferases in rat lymphocytes and lungs. <i>Xenobiotica</i> , 2012 , 42, 624-32	2	10
154	A possible mechanism for combined arsenic and fluoride induced cellular and DNA damage in mice. <i>Metallomics</i> , 2012 , 4, 78-90	4.5	46
153	Isolation, identification and characterization of fluoride resistant bacteria: Possible role in bioremediation. <i>Applied Biochemistry and Microbiology</i> , 2012 , 48, 43-50	1.1	28
152	Arsenic Hyper-tolerance in Four Microbacterium Species Isolated from Soil Contaminated with Textile Effluent. <i>Toxicology International</i> , 2012 , 19, 188-94		18

151	Lead and ethanol co-exposure lead to blood oxidative stress and subsequent neuronal apoptosis in rats. <i>Alcohol and Alcoholism</i> , 2012 , 47, 92-101	3.5	31
150	Protective efficacy of 2-PAMCl, atropine and curcumin against dichlorvos induced toxicity in rats. <i>Interdisciplinary Toxicology</i> , 2012 , 5, 1-8	2.3	19
149	Therapeutic profile of T11TS vs. T11TS+MiADMSA: a hunt for a more effective therapeutic regimen for arsenic exposure. <i>Asian Pacific Journal of Cancer Prevention</i> , 2012 , 13, 2943-8	1.7	4
148	Effect of Hormesis in <i>Dunaliella viridis</i> Teodor. (Chlorophyta) Under the Influence of Copper Sulfate. <i>International Journal on Algae</i> , 2012 , 14, 44-61	1.9	4
147	Moringa (<i>Moringa oleifera</i>) Seed Extract and the Prevention of Oxidative Stress 2011 , 775-785		1
146	Concomitant exposure to arsenic and organophosphates on tissue oxidative stress in rats. <i>Food and Chemical Toxicology</i> , 2011 , 49, 1152-9	4.7	57
145	Therapeutic efficacy of silymarin and naringenin in reducing arsenic-induced hepatic damage in young rats. <i>Ecotoxicology and Environmental Safety</i> , 2011 , 74, 607-14	7	85
144	Arsenic, cadmium and lead 2011 , 415-438		28
143	Age dependent changes in arsenic and nicotine induced oxidative stress in male rat. <i>Interventional Medicine & Applied Science</i> , 2011 , 3, 195-202	0.7	2
142	Co-administration of meso 2,3-dimercaptosuccinic acid monoesters reduces arsenic concentration and oxidative stress in gallium arsenide exposed rats. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2011 , 38, 423-9	3	18
141	MiADMSA reverses impaired mitochondrial energy metabolism and neuronal apoptotic cell death after arsenic exposure in rats. <i>Toxicology and Applied Pharmacology</i> , 2011 , 256, 241-8	4.6	59
140	Arsenic-induced oxidative stress and its reversibility. <i>Free Radical Biology and Medicine</i> , 2011 , 51, 257-81	7.8	555
139	Interactive effect of arsenic and fluoride on cardio-respiratory disorders in male rats: possible role of reactive oxygen species. <i>BioMetals</i> , 2011 , 24, 615-28	3.4	19
138	Silymarin and quercetin abrogates fluoride induced oxidative stress and toxic effects in rats. <i>Molecular and Cellular Toxicology</i> , 2011 , 7, 25-32	1.6	14
137	Neurotoxicity of Organophosphates and Carbamates 2011 , 237-265		4
136	Modulation of ionizing radiation induced oxidative imbalance by semi-fractionated extract of Piper beetle: an in vitro and in vivo assessment. <i>Oxidative Medicine and Cellular Longevity</i> , 2010 , 3, 44-52	6.7	11
135	Effects of combined exposure to dichlorvos and monocrotophos on blood and brain biochemical variables in rats. <i>Human and Experimental Toxicology</i> , 2010 , 29, 121-9	3.4	25
134	Protective effects of selenium, calcium, and magnesium against arsenic-induced oxidative stress in male rats. <i>Arhiv Za Higijenu Rada I Toksikologiju</i> , 2010 , 61, 153-9	1.7	29

133	Chelation in metal intoxication. <i>International Journal of Environmental Research and Public Health</i> , 2010 , 7, 2745-88	4.6	520
132	Oral supplementation of gossypin during lead exposure protects alteration in heme synthesis pathway and brain oxidative stress in rats. <i>Nutrition</i> , 2010 , 26, 563-70	4.8	40
131	Fluoride-induced changes in haem biosynthesis pathway, neurological variables and tissue histopathology of rats. <i>Journal of Applied Toxicology</i> , 2010 , 30, 63-73	4.1	50
130	Arsenic and fluoride: two major ground water pollutants. <i>Indian Journal of Experimental Biology</i> , 2010 , 48, 666-78		42
129	Structural, chemical and biological aspects of antioxidants for strategies against metal and metalloid exposure. <i>Oxidative Medicine and Cellular Longevity</i> , 2009 , 2, 191-206	6.7	352
128	Co-administration of monoisoamyl dimercaptosuccinic acid and Moringa oleifera seed powder protects arsenic-induced oxidative stress and metal distribution in mice. <i>Toxicology Mechanisms and Methods</i> , 2009 , 19, 169-82	3.6	23
127	Lead-induced peripheral neuropathy following Ayurvedic medication. <i>Indian Journal of Medical Sciences</i> , 2009 , 63, 408-10		11
126	Arsenic moiety in gallium arsenide is responsible for neuronal apoptosis and behavioral alterations in rats. <i>Toxicology and Applied Pharmacology</i> , 2009 , 240, 236-44	4.6	49
125	Neurobehavioral impairments, generation of oxidative stress and release of pro-apoptotic factors after chronic exposure to sulphur mustard in mouse brain. <i>Toxicology and Applied Pharmacology</i> , 2009 , 240, 208-18	4.6	46
124	Combinational chelation therapy abrogates lead-induced neurodegeneration in rats. <i>Toxicology and Applied Pharmacology</i> , 2009 , 240, 255-64	4.6	38
123	Monoisoamyl dimercaptosuccinic acid abrogates arsenic-induced developmental toxicity in human embryonic stem cell-derived embryoid bodies: comparison with in vivo studies. <i>Biochemical Pharmacology</i> , 2009 , 78, 1340-9	6	51
122	Prevention of arsenic-induced hepatic apoptosis by concomitant administration of garlic extracts in mice. <i>Chemico-Biological Interactions</i> , 2009 , 177, 227-33	5	56
121	Co-administration of Lipoic Acid and Vitamin C Protects Liver and Brain Oxidative Stress in Mice Exposed to Arsenic Contaminated Water. <i>Water Quality, Exposure, and Health</i> , 2009 , 1, 135-144		13
120	Bacillus sp. strain DJ-1, potent arsenic hypertolerant bacterium isolated from the industrial effluent of India. <i>Journal of Hazardous Materials</i> , 2009 , 166, 1500-5	12.8	37
119	Oral co-administration of Lipoic acid, quercetin and captopril prevents gallium arsenide toxicity in rats. <i>Environmental Toxicology and Pharmacology</i> , 2009 , 28, 140-6	5.8	41
118	Co-exposure to arsenic and fluoride on oxidative stress, glutathione linked enzymes, biogenic amines and DNA damage in mouse brain. <i>Journal of the Neurological Sciences</i> , 2009 , 285, 198-205	3.2	78
117	Cyanide Toxicity and its Treatment 2009 , 255-270		25
116	Arsenicals: Toxicity, their Use as Chemical Warfare Agents, and Possible Remedial Measures 2009 , 109-133		7

115	Reversal of arsenic-induced hepatic apoptosis with combined administration of DMSA and its analogues in guinea pigs: role of glutathione and linked enzymes. <i>Chemical Research in Toxicology</i> , 2008 , 21, 400-7	4	89
114	Combined administration of taurine and monoisoamyl DMSA protects arsenic induced oxidative injury in rats. <i>Oxidative Medicine and Cellular Longevity</i> , 2008 , 1, 39-45	6.7	61
113	Quercetin administration during chelation therapy protects arsenic-induced oxidative stress in mice. <i>Biological Trace Element Research</i> , 2008 , 122, 137-47	4.5	45
112	Arsenic accumulation by <i>Pseudomonas stutzeri</i> and its response to some thiol chelators. <i>Environmental Health and Preventive Medicine</i> , 2008 , 13, 257-63	4.2	27
111	Effects of fluoride on the tissue oxidative stress and apoptosis in rats: biochemical assays supported by IR spectroscopy data. <i>Toxicology</i> , 2008 , 254, 61-7	4.4	81
110	Differential oxidative stress and DNA damage in rat brain regions and blood following chronic arsenic exposure. <i>Toxicology and Industrial Health</i> , 2008 , 24, 247-56	1.8	57
109	Heavy metal induced oxidative stress & its possible reversal by chelation therapy. <i>Indian Journal of Medical Research</i> , 2008 , 128, 501-23	2.9	203
108	Vitamin E supplementation protects oxidative stress during arsenic and fluoride antagonism in male mice. <i>Drug and Chemical Toxicology</i> , 2007 , 30, 263-81	2.3	68
107	Beneficial effects of <i>Centella asiatica</i> aqueous extract against arsenic-induced oxidative stress and essential metal status in rats. <i>Phytotherapy Research</i> , 2007 , 21, 980-8	6.7	39
106	Response of lead-induced oxidative stress and alterations in biogenic amines in different rat brain regions to combined administration of DMSA and MiADMSA. <i>Chemico-Biological Interactions</i> , 2007 , 170, 209-20	5	67
105	Response of arsenic-induced oxidative stress, DNA damage, and metal imbalance to combined administration of DMSA and monoisoamyl-DMSA during chronic arsenic poisoning in rats. <i>Cell Biology and Toxicology</i> , 2007 , 23, 91-104	7.4	62
104	Combined administration of iron and monoisoamyl-DMSA in the treatment of chronic arsenic intoxication in mice. <i>Cell Biology and Toxicology</i> , 2007 , 23, 429-43	7.4	17
103	Essential metal status, prooxidant/antioxidant effects of MiADMSA in male rats: age-related effects. <i>Biological Trace Element Research</i> , 2007 , 120, 235-47	4.5	17
102	Concomitant administration of <i>Moringa oleifera</i> seed powder in the remediation of arsenic-induced oxidative stress in mouse. <i>Cell Biology International</i> , 2007 , 31, 44-56	4.5	94
101	Reversal of lead-induced neuronal apoptosis by chelation treatment in rats: role of reactive oxygen species and intracellular Ca(2+). <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007 , 322, 108-16	4.7	128
100	Effects of combined administration of captopril and DMSA on arsenite induced oxidative stress and blood and tissue arsenic concentration in rats. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2007 , 144, 372-9	3.2	21
99	Combined administration of selenium and meso-2, 3-dimercaptosuccinic acid on arsenic mobilization and tissue oxidative stress in chronic arsenic-exposed male rats. <i>Indian Journal of Pharmacology</i> , 2007 , 39, 107	2.5	12
98	Arsenic and lead induced free radical generation and their reversibility following chelation. <i>Cellular and Molecular Biology</i> , 2007 , 53, 26-47	1.1	25

97	Protective efficacy of semi purified fraction of high altitude podophyllum hexandrum rhizomes in lethally irradiated Swiss albino mice. <i>Cellular and Molecular Biology</i> , 2007 , 53, 29-41	1.1	9
96	Arsenic induced oxidative stress and the role of antioxidant supplementation during chelation: a review. <i>Journal of Environmental Biology</i> , 2007 , 28, 333-47	1.6	106
95	Changes in brain biogenic amines and haem biosynthesis and their response to combined administration of succimers and Centella asiatica in lead poisoned rats. <i>Journal of Pharmacy and Pharmacology</i> , 2006 , 58, 547-59	4.8	25
94	Synthesis and characterization of Sn(IV) complexes of lower rim 1,3-diacid derivative of calix[4]arene and their protective effects on tissue oxidative stress and essential metal concentration in lead exposed male Wistar rats. <i>Journal of Inorganic Biochemistry</i> , 2006 , 100, 206-13	4.2	9
93	Effects of individual and combined exposure to sodium arsenite and sodium fluoride on tissue oxidative stress, arsenic and fluoride levels in male mice. <i>Chemico-Biological Interactions</i> , 2006 , 162, 128-39	5	104
92	Monoisoamyl dimercaptosuccinic acid induced changes in pregnant female rats during late gestation and lactation. <i>Reproductive Toxicology</i> , 2006 , 21, 94-103	3.4	33
91	Effect of Centella asiatica on arsenic induced oxidative stress and metal distribution in rats. <i>Journal of Applied Toxicology</i> , 2006 , 26, 213-22	4.1	70
90	Protective effects of fruit extracts of Hippophae rhamnoides L. against arsenic toxicity in Swiss albino mice. <i>Human and Experimental Toxicology</i> , 2006 , 25, 285-95	3.4	26
89	Environmental occurrence, health effects and management of lead poisoning 2006 , 158-228		62
88	Co-administration of zinc and n-acetylcysteine prevents arsenic-induced tissue oxidative stress in male rats. <i>Journal of Trace Elements in Medicine and Biology</i> , 2006 , 20, 197-204	4.1	53
87	Combined administration of N-acetylcysteine and monoisoamyl DMSA on tissue oxidative stress during arsenic chelation therapy. <i>Biological Trace Element Research</i> , 2006 , 110, 43-59	4.5	28
86	Therapeutic value of Hippophae rhamnoides L. against subchronic arsenic toxicity in mice. <i>Journal of Medicinal Food</i> , 2005 , 8, 353-61	2.8	22
85	Arsenic induced blood and brain oxidative stress and its response to some thiol chelators in rats. <i>Life Sciences</i> , 2005 , 77, 2324-37	6.8	131
84	Arsenic antagonism studies with monoisoamyl DMSA and zinc in male mice. <i>Environmental Toxicology and Pharmacology</i> , 2005 , 19, 131-8	5.8	36
83	Therapeutic effects of Moringa oleifera on arsenic-induced toxicity in rats. <i>Environmental Toxicology and Pharmacology</i> , 2005 , 20, 456-64	5.8	81
82	Strategies for safe and effective therapeutic measures for chronic arsenic and lead poisoning. <i>Journal of Occupational Health</i> , 2005 , 47, 1-21	2.3	200
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